ACX | DESIGN INNOVATIONS

F8

Fingerprint Door Access Reader is an user friendly and It supports traditional wiegand output and also ACX scramble RS485 encryption output to ensure the data cannot be snooped by external device, totally solve the wiegand signal transmission problem.

1000 fingerprint templates on device, each fingeprint represents a unique card number, card number in any format, max. 64 bits length.

FEATURES

- Optical fingerprint sensor
- High quality material reader cover and water proof design
- Easy fingerprint enrollment by ACX Fingerprint Management Software
- 1000 access fingerprints with an unique card number, card number in any format
- RED / Green / Blue or mixed color LED bar, user defined LED ON / OFF time interval, LCD contrast adjustable
- Internal buzzer, user defined buzzer ON / OFF time interval

SPECIFICATION

F8 Fingerprint Reader (Template on Device)	
Model Number	98B0
Fingerprint Technology	Infra-RED optical Sensor, 20mm x 15mm
Water Proof	IP65
Fingerprint Templates	1,000 fingerprint templates with uniq card number. Fingerprint template in 512 bytes.
Card Number	Card number in any format, maximum length is 64 bits
Response Time	Less than 1 second
False Acceptance Rate	Less than 0.001% (Operation level = 3)
False Reject Rate	Less than 1.0% (Operation level = 3)
Reader Output	Wiegand format or ACX scramble RS485
Reader Wires	Power, Ground, Wiegand D0, Wiegand D1, RS485(A), RS485(B), Green LED / ACK, Buzzer, Hold and shield wires (Pigtial) LAN Port for fingerprint template download
Installation	Wall Switch Size; designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing
Visual Indicator	LED bar in RED / Green / Blue / Amber / Purple / White / Light Purple color, user defined LED ON / OFF time interval
Audio Indicator	Internal buzzer, user defined beep sound ON / OFF time interval (ms)
Color	Black or White
Dimension	130mm(L) x 85mm(W) x 36mm(D)
Product Weight	130g
Operating Voltage	9-16 VDC
Operating Current	Average 80mA DC, peak 150mA DC
Operating Temperature	-20º C to +60º C
Operating Humidity	10% to 90% relative humidity non-condensing
Housing Material	Polycarbonate
Cable Distance	Wiegand interface: 500 feet (150 m), RS485 interface: 4000 feet (1200 m) Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent